

Patent Abstracts of Japan

PUBLICATION NUMBER : 11302302

PUBLICATION DATE : 02-11-99

APPLICATION DATE : 20-04-98

APPLICATION NUMBER : 10109947

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INT.CL. : C08B 30/14 B22F 3/02 C04B 35/622 C04B 35/632

TITLE : STARCH FOR GEL CAST MOLDING AND MOLDING USING THE SAME

ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject starch dispersible into cold water, being gelatinized by heating, capable of lessening a foamy defect remaining after drying and baking of a molded starch than a conventional one by adjusting its average particle diameter to a specific value or smaller.

SOLUTION: This starch is dispersible into cold water, is gelatinized by heating and has $\leq 3 \mu\text{m}$, preferably $\leq 1 \mu\text{m}$ average particle diameter. Such a starch is obtained, for example, by a method for classifying only fine starch by a cyclone so as to make the average particle diameter $\leq 3 \mu\text{m}$. In a method for molding powder into a fixed shape, comprising dispersing the powder into water to give a slurry, casting the slurry into a forming mold and hardening the molded material, this starch is added to the slurry and used.

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